

012904

23026 U.S. PTO

PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>   |   | <b>Attorney Docket No.</b><br>13479US04   |   |   |   |   |      |   |  |      |         |  |  |         |      |       |          |      |         |           |     |         |                   |                |                                   |                   |                |                                   |        |                  |  |      |                  |
|---|---|---|---|---|---|---|------|---|--|------|---------|--|--|---------|------|-------|----------|------|---------|-----------|-----|---------|-------------------|----------------|-----------------------------------|-------------------|----------------|-----------------------------------|--------|------------------|--|------|------------------|
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small>  |   | <b>First Inventor</b><br>Agazzi   |   |   |   |   |      |   |  |      |         |  |  |         |      |       |          |      |         |           |     |         |                   |                |                                   |                   |                |                                   |        |                  |  |      |                  |
| <b>ADDRESS TO:</b><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450  |   | <b>Title</b><br>STARTUP PROTOCOL FOR<br>HIGH THROUGHPUT<br>COMMUNICATIONS SYSTEMS |   |   |   |   |      |   |  |      |         |  |  |         |      |       |          |      |         |           |     |         |                   |                |                                   |                   |                |                                   |        |                  |  |      |                  |
| <b>Express Mail Label No.</b><br>EL 848970200 US  |   |   |   |   |   |   |      |   |  |      |         |  |  |         |      |       |          |      |         |           |     |         |                   |                |                                   |                   |                |                                   |        |                  |  |      |                  |
| <table border="0" style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;"><div style="display: flex; justify-content: space-between;"><div><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/><small>(Submit an original and a duplicate for fee processing)</small></p><p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification<br/><small>(preferred arrangement set forth below)</small><br/>-Descriptive title of the invention<br/>-Cross Reference to Related Applications<br/>-Statement Regarding Fed sponsored R&amp;D<br/>-Reference to sequence listing, a table, or a computer program listing appendix<br/>-Background of the Invention<br/>-Brief Description of the Drawings (if filed)<br/>-Detailed Description<br/>-Claim(s)<br/>-Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>12</u>]</p><p>5. 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Applicant must attach form PTO/SB/35 or its equivalent.</p><p>17. <input type="checkbox"/> Other: _____</p></div></div></td><td colspan="2" style="padding: 10px;"><p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:<br/><input checked="" type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: 09/781,853</p><p>Prior application information:                      Examiner: D.V. Ha                      Art Unit: 2634</p><p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. 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| Name  |   |   |   |   |   |   |      |   |  |      |         |  |  |         |      |       |          |      |         |           |     |         |                   |                |                                   |                   |                |                                   |        |                  |  |      |                  |
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PTO/SB/17 (11-00)

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|---|------------|--------------------------|------------|
| <b>FEE TRANSMITTAL</b><br><b>for FY 2004</b><br>Patent Fees are subject to annual revision. |            | <b>Complete if Known</b> |            |
|   |            | Application Number       | unassigned |
|   |            | Filing Date              | herewith   |
|   |            | First Named Inventor     | Agazzi     |
|   |            | Examiner Name            | D.V. Ha    |
|   |            | Group Art Unit           | 2634       |
| TOTAL AMOUNT OF PAYMENT   | (\$770.00) | Attorney Docket No.      | 13479US04  |

| <b>METHOD OF PAYMENT</b>   |                            | <b>FEE CALCULATION (continued)</b>  |                    |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
|--|----------------------------|---|--------------------|--|-----------------------|-----------------------|-----------------|----------|------|------------------------------|------|---------|-------------------------------------|--------------------|------|----|------|----------------------------|--|-----------------|----------|------|------|-----|---------------------------|--------|------|-------|------|-------|--|--|------|------|------|------|--|--|------|--------|------|--------|---|--|------|-----|------|----|--|--|--|-----|----------------------------|----------------------------|---|----------|------|-----|------|-----|--|--|------|-------|------|-----|---|--|------|-------|------|-------|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|--------------------------|--|------|-------|------|------|---|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|---|--|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|---------------------------|--|--|--|--|
| 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:<br>Deposit Account Number: 13-0017<br>Deposit Account Name: McAndrews Held & Malloy<br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17<br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |                            | <b>3. ADDITIONAL FEES</b><br><table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td></td> </tr> </tbody> </table> |                    | Fee Code   | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid | 1051 | 130                          | 2051 | 65      | Surcharge - late filing fee or oath |                    | 1052 | 50 | 2052 | 25                         | Surcharge - late provisional filing fee or cover sheet |                 | 1053     | 130  | 1053 | 130 | Non-English specification |        | 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination |  | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |  | 1251 | 110 | 2251 | 55 | Extension for reply within first month |  | 1252   | 420 | 2252                       | 210                        | Extension for reply within second month |          | 1253 | 950 | 2253 | 475 | Extension for reply within third month |  | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month |  | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month |  | 1401 | 330 | 2401 | 165 | Notice of Appeal                                  |  | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal                    |  | 1403 | 290 | 2403 | 145 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional |  | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) |  | 1502 | 480 | 2502 | 240 | Design issue fee |  | 1503 | 640 | 2503 | 320 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) |  | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |
| Fee Code   | Large Entity Fee (\$)      | Small Entity Fee (\$)   | Fee Description    | Fee Paid   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1051   | 130                        | 2051  | 65                 | Surcharge - late filing fee or oath  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1052   | 50                         | 2052  | 25                 | Surcharge - late provisional filing fee or cover sheet                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1053   | 130                        | 1053  | 130                | Non-English specification  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1812   | 2,520                      | 1812  | 2,520              | For filing a request for <i>ex parte</i> reexamination                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1804   | 920*                       | 1804  | 920*               | Requesting publication of SIR prior to Examiner action                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1805   | 1,840*                     | 1805  | 1,840*             | Requesting publication of SIR after Examiner action                        |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1251   | 110                        | 2251  | 55                 | Extension for reply within first month                                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1252   | 420                        | 2252  | 210                | Extension for reply within second month                                    |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1253   | 950                        | 2253  | 475                | Extension for reply within third month                                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1254   | 1,480                      | 2254  | 740                | Extension for reply within fourth month                                    |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1255   | 2,010                      | 2255  | 1,005              | Extension for reply within fifth month                                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1401   | 330                        | 2401  | 165                | Notice of Appeal   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1402   | 330                        | 2402  | 165                | Filing a brief in support of an appeal                                     |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1403   | 290                        | 2403  | 145                | Request for oral hearing   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1451   | 1,510                      | 1451  | 1510               | Petition to institute a public use proceeding                              |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1452   | 110                        | 2452  | 55                 | Petition to revive - unavoidable   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1453   | 1,330                      | 2453  | 665                | Petition to revive - unintentional   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1501   | 1,330                      | 2501  | 665                | Utility issue fee (or reissue)   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1502   | 480                        | 2502  | 240                | Design issue fee   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1503   | 640                        | 2503  | 320                | Plant issue fee  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1460   | 130                        | 1460  | 130                | Petitions to the Commissioner  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1807   | 50                         | 1807  | 50                 | Processing fee under 37 CFR 1.17(q)  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1806   | 180                        | 1806  | 180                | Submission of Information Disclosure Stmt                                  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 8021   | 40                         | 8021  | 40                 | Recording each patent assignment per property (times number of properties) |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1809   | 770                        | 2809  | 385                | Filing a submission after final rejection (37 CFR § 1.129(a))              |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1810   | 770                        | 2810  | 385                | For each additional invention to be examined (37 CFR 1.129(b))             |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1801   | 770                        | 2801  | 385                | Request for Continued Examination (RCE)                                    |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1802   | 900                        | 1802  | 900                | Request for expedited examination of a design application                  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Other fee (specify) _____  |                            |   |                    |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| <b>2. EXTRA CLAIM FEES</b><br><table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>18 - 20** =</td> <td>0 x</td> <td>18.00 =</td> <td>0.00</td> </tr> <tr> <td>Independent Claims 3 - 3** =</td> <td>0 x</td> <td>86.00 =</td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>0.00</td> </tr> </tbody> </table><br><table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>385</td> <td>Utility filing Fee</td> <td>770.00</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing Fee</td> <td></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table><br><b>SUBTOTAL (1) (\$770.00)</b> |                            | Total Claims  | Extra Claims       | Fee from below   | Fee Paid              | 18 - 20** =           | 0 x             | 18.00 =  | 0.00 | Independent Claims 3 - 3** = | 0 x  | 86.00 = | 0                                   | Multiple Dependent |      |    | 0.00 | Large Entity Fee Code (\$) | Small Entity Fee Code (\$)                             | Fee Description | Fee Paid | 1001 | 2001 | 385 | Utility filing Fee        | 770.00 | 1002 | 340   | 2002 | 170   | Design filing Fee                                      |  | 1003 | 530  | 2003 | 265  | Plant filing fee                                       |  | 1004 | 770    | 2004 | 385    | Reissue filing fee                                  |  | 1005 | 160 | 2005 | 80 | Provisional filing fee                 |  | <b>1. BASIC FILING FEE</b><br><table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table><br><b>SUBTOTAL (2) (\$0.00)</b> |     | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description                         | Fee Paid | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86  | 2204 | 43  | **Reissue independent claims over original patent |  | 1205 | 18  | 2205 | 9   | **Reissue claims in excess of 20 and over original patent |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Total Claims   | Extra Claims               | Fee from below  | Fee Paid           |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 18 - 20** =  | 0 x                        | 18.00 =   | 0.00               |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Independent Claims 3 - 3** =   | 0 x                        | 86.00 =   | 0                  |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Multiple Dependent   |                            |   | 0.00               |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description   | Fee Paid           |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1001   | 2001                       | 385   | Utility filing Fee | 770.00   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1002   | 340                        | 2002  | 170                | Design filing Fee  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1003   | 530                        | 2003  | 265                | Plant filing fee   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1004   | 770                        | 2004  | 385                | Reissue filing fee   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1005   | 160                        | 2005  | 80                 | Provisional filing fee   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description   | Fee Paid           |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1202   | 18                         | 2202  | 9                  | Claims in excess of 20   |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1201   | 86                         | 2201  | 43                 | Independent claims in excess of 3  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1203   | 290                        | 2203  | 145                | Multiple dependent claim, if not paid                                      |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1204   | 86                         | 2204  | 43                 | **Reissue independent claims over original patent                          |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| 1205   | 18                         | 2205  | 9                  | **Reissue claims in excess of 20 and over original patent                  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |
| **or number previously paid, if greater; For Reissues, see above   |                            | *Reduced by Basic Filing Fee Paid<br><b>SUBTOTAL (3) (\$0.00)</b>   |                    |  |                       |                       |                 |          |      |                              |      |         |                                     |                    |      |    |      |                            |  |                 |          |      |      |     |                           |        |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |  |     |                            |                            |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |                          |  |      |       |      |      |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |

|                     |                |                                      |                  |
|---------------------|----------------|--------------------------------------|------------------|
| <b>SUBMITTED BY</b> |                | <b>Complete (if applicable)</b>      |                  |
| Name (Print/Type)   | John A. Wiberg | Registration No. (Attorney or Agent) | 44,401           |
| Signature           |                | Telephone                            | 312-775-8000     |
|                     |                | Date                                 | January 29, 2004 |

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